Record Group 104. Entry 28.

Nickel Ingots, 1870-1872, and Bronze Ingots, 1870-1871.

Digitized October 24, 2023, Philadelphia, Pennsylvania.

Box 10, Book 2, for 1870-72.

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RG 104 RECORDS OF THE BUREAU OF THE MINT

Records of the U.S. Mint at Philadelphia
Records of the U.S. Mint at Philadelphia
Records of the U.S. Mint at Philadelphia
Records of the U.S. Mint at Philadelphia

ASSAY WORKBOOKS, 1795-1905

Box 10 NC-152 Entry 20

HC1-80523408 10

10 Cents — 5825
Silver 3445

No 1 Silver Dollar
2. New years Gift 20-70
3 Mountain Lily 50 498

700

Bronze Ingots July 1870

July 11	4 M	407 410	
		205	3.2
12	8 M	411 418	
		200	3.2
13	8 M	419 426	
		215	
14	8 M	427 434	
		208	3.3
15	6 M	435 440	
		204	3.2
16	8 M	441 448	
		210	3.3
18	4 M	449 452	
		207	3.3
19	8 M	453 460	
		205	3.3
20	8 M	461 468	
		208	3.3
21	8 M	469 476	
		205	3.3

Zinc from 385 - 476

130
10
120

14-4

1/10 [illegible]

Aug 22° 6 Melts of Bronze 477-482

Tin 200 c 3.2

23 8 " 485-490

Tin 195 3.1

24 8 " 494-498

Tin 200 3.2

25 8 " 499-506

198 3.1

26 8 " 507-514

200 3.2

Sept. 15 12 515-526

199 3.2

16 12 527 538

195 3.1

17 19 16 M 539 554

210 3.3

23 12 M 555 566

205 3.3

24 12 " 567-578

198 3.3

27 14 " 579 592

207 3.3

Zinc from 477 to 592

140

15

125

2 fro

Oct 7	11 Melts		593 - 603	
			198	3.1
8 -	9 - Melts		604 - 612	
		cpl	198	3.1
10	6		613 - 618	
			200	3.2
13	7 Melts		625 - 631	
			205	3.3
15	23 Mlts	2 days	632 - 654	
			202	3.2
18	16 mlts		655 - 670	
			210	3.3
19	9 Mlts		671 - 679	
			202	3.2
20	12 Mlts		680 - 691	
			203	3.2
	11 Mlts		692 - 702	
			203	3.3
Nov. 12	12 Mlts		703 - 714	
			202	3.2
15	16 Mlts		715 - 730	
			202	3.2
16	8		731 - 738	
			205	3.3

Nov 17	12	Mlo	739 – 750	
			210	3.3
18	12	Mlo	751 – 762	
			210	3.3
19	9	Mlo	763 – 771	
			210	3.3
21	18		772 – 789	
			210	3.3
22	11	Mlelto	790 – 800	
		R.W	200	3.2

Zinc from 593 to 800

125

8

117. 1.87

13	17	Mlto	801 – 817	
			208	3.3
14	11		818 – 828	
15	12	"	829 – 840	
	50		205	3.3
22	16	"	841 – 856	
			205	3.3
23	12	"	857 – 868	
			205	3.3

24 12 M

27 5 M

Zinc from 801 – 885

130
14
116

Jany. 16 – 8 M –

17 15

18 9

19 9

20 9

21 9

869 – 880

205 – 3.3

881 – 885 –

208 3.3

1.86

1. – 8

205 – 3.3

9 – 23

202 3.2

24. 32

210 3.3

33 41

243 50 3.4

42 50

212 3.4

51 59

202 3.2

Assay for Zinc 801 – 59

Jan.	24	15 Mello	110	74
			208	3.3
	25	9 "	75	83
			212	3.4
Feb.	21	11 "	84	94
		/	210	3.3
	23	8 "	95	102
			210	3.3
	24	8	103	110
			204	3.2
	25	8	211	118
			207	3.3
	27	6	119	124
			202	3.2
	28	9	125	133
			205	3.3
Mar.	1	9	134	141
			210	3.3

Mar. 2	9		142 - 150	
			202	3.2
7	9		151	159
		Re 220	203	3.2
8	7		160 - 166	
		Re	203	3.2
9	8		167	174
		Re 220	203	3.2
10			175	183
			209	3.3
11	9		184	192
			202	3.2
14	13		193	205
			205	3.3
15	13		206	218
			200	3.2
17	9		219	227
			210	3.3
18	8		228	235
			202	
				3.2
21	15		236	250
		215	202	
				3.2

March 22 6 Melts 251. 256
215 Re 202 3.2

Assay for Zinc No 1.256

130
15
115 8.64

April 5 10 Melts 257. 266
195 3.1

6 8 Mts 267 - 274
205 3.3

7 9 Melts 275. 282
205 3.3

9 b 283. 288
208 3.3

12 8 Melts - 289 296
3.1

	7 Melts		297 - 303
	9	" "	304, 312
	9	" "	313 321
	9	"	322, 330
	3		331 - 333
May	14	12 Mts	334 - 345
			208
	22	12	346 357
			215
	23	9	358 366
			215
	24	9	367 375
			217

7 Gram 280
3.1
3.1
3.1
3.1

May 24 8 Mts 376 383
211

25 12 Mts 384 - 395
205

27 3 Mts 396 398
4 Grms 170 3.3

Assay for Zinc N°259 398
145
15
130 Zin 2,00

June 2 2 Melts 399 - 400
or tin 212

6 Mts 401 40
212

6 Melts 407 - 412
216

June 14th 16 melts 413 - 428
212

15 6 mts 429 - 434
210

17 6 Mts. 435 - 440
210

June	20	7	441 – 447
			220
	21	6	448 453
			210
	22	6	454 459
			210
		5	460 464
			210
		6	465 470
			215
	27	10	471 480
			207
	29	12	481 492
			212
July	1	12	493 504
	2	4	505 508
		12	509 20
			212
		12	521 32
			212
		12	533 – 544

10 Melts 545 - 554
210

11 " 555 - 565
212

10 Mts 566. 575
205

July 31 6 Mts 576 - 581
212

Assay for Zinc 399 — 581
140
10 Grains
130 Zinc 2.1

Aug

18 Mts 582 - 589
210

11 Mts 590 600
210

9 Melts 601 609
212

8 Melts Nos 610 – 617
210

9 Melts 618 – 626
220

9 Melts 627 – 635
205

4 Melts 636 – 639
205

Feb 4th assay for Zinc from 582 to 639
the Results mislaid about 2 per ct

Mar 12 melts

Aug 15 27 Melts .. Nos 14 – 40
215

16 15 Melts " 41 – 55
205

29 19 Melts. " 56 – 74
210

12 Melts 75 – 86
210

Aug 30 19 Melts 87 - 105

205

Assay for Zinc 75 t. 105 -

130

15 Iron.

115

1.8 per cent.

Sep. 18 13 Melts. 106 - 118

210

19 14 M. 119 - 132

205

20 14 " 133 - 146

210

Assay for Zinc 106 - 146

1215

15 J. 2. per ct

Oct 3 14 Melts. 147 160

200

4 16 M. 161 - 176

210

5 16 M. 177 - 192

200

Oct 7	12	Melt.	193-204
			205
9	11	m	205-215
			210
11	13	Melt.	216 228
			210
12	17	m.	229 245
			205
14	15	m	246-260
			205
		Assay for Zinc	147-260

135.
15
120

1.90

October 29	17	m	261-277
			205
30	20	m	278-297
			210
31	20	m	298-317
			205

Nov. 1 Assay for Zinc 261-317

130
15

Moor. 8°-21 Melts

318 - 338

205

9 24 M

339 362

220

12 - 15 M

363 377

210

25 25 M

378 - 402

200

402 - 422

210

12 M

423 - 434

200

6 M

435 - 440

210

9 M.

441 - 449

205

No 21 8 M

450 - 457

208

8 M.

458 465

210

10 M

466 - 475

208

6 M

476 - 481

205

Dec 21 17 m. 1252 1267
1385

23 12 m 1268 1279
1410
1390

Wheatons Valley

2645 S 123 d 2qv q

2613 96.7

2660 S 122 d 30 qv

2615 96.4

2120

6745 - 1975 W 61 19

205

0745 - 1635 W 172 3

208

9635 5020 W 61 2 Dec

2041

6515 5035 W 61 30

215

2025 2824 W 20 29 Nov.

Box 2160
Folder 8

Nickle ingots July 22 1870

July 22 6 melts 585 – 590

1445 584 70

1400 26 per ct.

July 23 6 M. 591 596

1380 " " 76

1345 25 per ct

" 26 – 9 Melts 597 – 605

1395 70

1345 25 –

27 6 Melts 606 – 611

1405

1355 est 25.2

28 6 Mls 612 – 617

1380 52

1320 25.4

29 6 melts 618 – 623

1400

1345 25.5 60

Aug 1. 6 Melts 624 629

1380

1345 25.5 63

Aug 2 5 Melts 630 – 634
1400
1330 25.2 53
4 6 Melts 635 – 640
1365
1320 24.9 55
6 6 mts 641 646
1395
1365 25.5 68
8 5 Melts 647 – 651
1450
1380 60
10 6 Melts 652 – 657
1360 1370
1330 55
12 6 Mts 658 – 663
1380
1325
16 4 mts 664 – 667
1360
1325
5 Mts 668 – 672
1390

19	3 Melts	673 – 675
	1390	
	1350	
		65
		676 681
	1380	
Aug 30	9 Melts	682 – 690
	1375	
	1340	
Aug. 31	6 Melts.	691 696
	1355	
	1340	
Sep. 1	6 M.	697 — 702
	1365	
	1310	85
Sep. 2	6 M.	703 — 708
	1380	
	1325	64
3	6 M.	709 – 714
	1360	
	1330	
6	13 M.	715 727
	1370	
	1330	

Feb 7 9 AM. 728 - 736
1365
1348 25.7
" 8 9 M. 737 745
1365
1347 25.4 65
9 9 AM 746 754
1370
1335 25.3 55
10 9 AM 755 763
1355 60
1325 24.9
12 9 AM 764 769
1380
1330 25.4 60
14 8 AM 770 777
1380
1335 25 65
20 9 AM 778 786
1350
Say 24.8
21 9 AM 787 - 795
1370
1320 24.8

Oct 22 9 Melts 796 804
1380
1320 24.7
28 9 Melts 805 – 813
1360

29 9 Melts. 814 – 822
1350
1300 24.5 55
30 9 Melts 823 – 831
1390 55
1330 24.8 25
Oct 1 9 Melts 832 – 840
1390 80
1350 25
4 13 Melts 841 853
~~1330~~ 1375 62
~~1290~~ 1315 24.6
5 9 Melts. 854 – 862
1350 50
1310 24.8
6 9 Melts 863 871
1390 65
1340 25.0

Oct 22 9 Melts 872 - 880

1375 37 20

1340 25.5

25 14 Melts 881 894

1335 Rel 1340

1290 1315 24.9

26 9 Melts 895 - 903

1370

1305 24.6

2 days 28 19 Melts 904 921

1355 55

1320 24.9

29 9 Melts 922 - 930

1420 64

1340 25

Nov 1 14 Melts 931 944

1370 65

1335 24.9

2 9 Melts 945 953

1370 65

1320 24.8

3 8 Melts 954 - 961

1350

1305 24.6

4 9 mts 962 970
1360 64
1305

5 9 mts 971 979
1360 70
1320

8 1365 980 993
1330

9 9 mts 994 1002
1365 52
1330

10 9 mts 1003 1011
1330 52
1300 246

11 9 mts 1012 1020
1365 505 305
1335 247

25 9 mts 1021 1029
1375 70
1335 249

26 9 mts 1036 1038
1390 70
1350 252

Nov. 29 14 Mts 1039 — 1052
1390 90
1345 — 25.1
30 9 Melts 1053 - 1061
1350 60
1310 24.6
Dec. 1 9 Mts 1062 - 1070
1380 68
1343 25.1
2 9 melts 1071 — 1079
1380 72
1350 25.1
3 8 melts 1080 - 1087
1375 62
1345 25.2
12 melts 1088 - 1099
1390 95
1350 24.9
15 Mts 1100 - 1114
1375 70
1340 25
9 Mts 1115 - 1123
1350
Defect 1285 Say 24.5 at least

9 Mts 1124 - 1132
1400 70
1345 25.

Déc. 16 9 Metres 1133 - 1144
1370 66
1330 24.9

17 9 Mts 1142 1150
1355 55
1330 25.1

20 14 M 1151 - 1164
1385 95
1365 1360 24.9

28 6 metres 1165 - 1170
1435 84 22
1380 25

29 9 Metres 1171 - 1179
1355 59
1295 24.3 probable sous bas

30 9 Metres 1181 - 1188
1370 54
1315 24.7

31 9 M 1189 1197
1440 70
1360 25.3

Part B

14 Melts
1395
1350

1 — 14
85

24.9

5 9 Melts
1385
1335 25?

15 — 23
55
60

6 9 Mlt
1355
1320 24.9

24 - 32
52

7 9 Mlt
1365
1350 25.1

33 - 41
72

9 14 Melts
1375
1345 25.2

42 - 55

11 9 Melts
1375
1330 24.7

56 - 64
60

12 9 Mlt
1375
1330 24.8

65 - 73
58

13 1390 6 Mlt
1390
1335 24.9

74 - 79

Jany 25 9 Melts 80 – 88
1385
1335 24.9
6 melts
7 00
671. 24.7

762 573 Melts of grains from nickel Melting

9 No 1 – 982
860

Ni 12.7 3¼ iron

2 973
945

Ni 13.7 3.6 iron

3 1000
932

Ni 13.1 3.5

4 5000 Test 100

Nickel 3 pm
Tin 2.96
Zinc 1.6
Iron 1.4

Feb. 9 Grains No. 5

1280 Si 82 - Iron 110

1235 Nic 18.4 Iron - 2 per

Feb. 16. 8 Melts. 95 - 102

1310

1290

May 4 5 Melts. 103 - 107

1400 S 135 40

1400

248

May 8 9 Melts 108 - 116

1410

1400 Yield 88

258

June 1 7 Melts 117 - 123

1375 62 30

1340

245

June 6 7 Melts 124 - 130

1420

1400 254 105

8 Melts 131 – 140

1890

1370 25,2 85

July 12 8 Melts 144 – 148

1425

1395 25.4

Aug 30th 1871 Analyses of Samples from Flasked grams from Nickel & Bronze Smelting

5 gram of Alloy

1410 302

Silicon ¼ iron 70

Nic 17.4

iron 3.5

Tin 1.8

250

7

1750

3.5

1 Mch Nickel No 149

1420

1350 Sr + Si 95

24-7

Sd. 18h 7 Mels 150 - 157

1405

1360 24-3 Sr + Si 125

7 Mels 158 - 164

1405 Sr Si 95

8375 25:1

11 Mels 165 - 175

1395 Si + Sr 105

1370

Danzig 6 Mels 24.9 176 - 181

1400 Si + S 103

1360 24-7

Sd. 30 5 Mels 182 - 188

1405

1370 25

25

1872

Jany 3d 1872 No 1 – 3

From 1 to 30

1405 .. 103

1370 24.9

Jany 21 – 11 Melts 31 – 41

1380 103

1360

Jany 24 8 melts 42.49.

1400 95

1380

Jany. 27 9 Melts 50 – 58

1415

1315 100

" " 31st . 8 Melts . 59.66.

1400

1370 101

25

Feb 9 Melts 67 – 75

1370 70

1330 248

Feb 20 11 Melts 76 – 86
1370 Si 8 2 71
1330 24.8

26 11 Melts 87 – 97
1360
1330 Si 8 2 70

Apr. 2 8 Melts 98 – 105
1380

4 ~~29~~ Melts ~~98~~ 119
1400 35 75
1375 24.9

6 14 Melts 120 – 133
1395 Si 8 2 115
1370

Apr 10 11 Melts 134 143
1430
~~1388~~ 11 24.9 Si 8 2 115

	14 Melts	144	157
	1395		
	1375		
April 20	12 Melts	158	169
	1400		
	1385		
Apr 25	12 Melts	170	181
	1400		
	1380		
27	14 Melts	182	195
	1425		
	1400		
May 6	11 Melts	196	206
	1400		
	1360		
9	16 Melts	207	222
	1420		
	1400		
13	8 Melts	223	230
	1425		
	1400		

May 17	12 Melts		231	242
	1420			
	1380			
20	10 Melts		243	252
	1400			
	1380			
22	12 Melts		253	264
	1410			
	1395			
24	12 Melts		265 -	276
	1410			
	1390			
28	8 Melts		277 -	284
	1390			
	1370			
June 5	12 Melts		285 -	296
	1410			
	1380			
7	9 Melts		297	305 -
	1380			
	1370			
11	11 Melts		306 -	316
	1400			
	1360			

June 13	15 Melts		317	331
	1430			
	1395			
15	14 Melts		332	345
	1415			
	1400			
19	15 Melts		346-	360
	1415		80- 50-	130
	1390	24.8		
22	13 Melts		361-	373
	1415			
	1390			
29	13 Melts		374-	386
	1440			
	1390			
July 3,	12 Melts		387-	398
	1430			
	1400			
10,	10 Melts		399-	408
	1410			
	1390			
12	12 Melts		409-	420
	1550			
	1380			

July 16 / 12 Melts 421 – 432

1430

1380

18 12 Melts. 433 444

1420

1390

July 20 / 12 Melts 445 456

1400

1380

July 21 / 12 Melts. 457 466

1400

1380

~~6. Melts.~~ ~~467~~ ~~466~~

~~1430~~

25 12 Melts 467 478

1440

1400

29 13 Melts. 479 491

1440

1400

31 12 Melts. 492 503

Aug 2 12 Melts. 504 515

1420

1380

18 11 Melts 516-526

1420

1400

21 12 Melts. 527 538

1430 Sol 100

1400

21 Assay of Nickel Granulation

No number

2090 Silver 130

2040 Iron 25

74.1 pr cent.

26- 12 Melts. 539 550

1430

1400 25.1 Sol. 120

Sep. 2 10 Melts. 551 560

1440

1420 Silver 140- 410

4 18 Melts 561-578

1440 S. 9. 150

1410

Sep. 5 10 Melts. 579 588
1500 Skg 165—
1450 25.2

6 18 Melts. 561 578
1480 S. 160— D. 20
1440 24.8

8 15 Melts. 598 612
1510 S. 180 D. 30
1490 25.1

9 9 Melts. 613 621
1560 Skg. 160
1480 25.7

11 9 Melts. 622 630
1410 Skg 90
1390 25.4

12 9 Melts. 631 639
1430
1390 25.4 Skg. 85

13 19 Melts 640 649
1410
1377 25.4

14 11 Melts. 652 660
1420
1380 25.2

Sep 17. 14-M. 661- 674

1420

1380

23-13 M 675-683

1420

1400 Sdf 120

24 12 M. 684- 695

1470 Sdf 130

2 1420 25.3

25-12 M. 696- 705

1420

1390

27 15 M. 706- 721

1430

1390

30- 14 M. 722- 735

1410

1380

Oct. 1 12 M. 736- 747

1395 Sdf 110

1375 24.8

2 11 M. 748- 758

1385

1370 24.4

Oct. 15 Nickel Sample. C. Copies
2045 S-100 $ 30
2020

74.3 per cent.

Oct. 15 11 M 759 769
1375 Std. 110
1365 24.6 per cent
16 11 Melts 770 - 780
1285

17 12 Melts 781 792

21 24 M. 793 816
1405
1365
22 20 M 817 - 836
1375 Std 115
1365
23 12 M. 837 - 848
1430
1380

Oct 24 12 Melt 849 - 860
1395
1365
25 11. M. 861 - 871
1410
1380
26 12 M. 872 - 883
1380 S 100 - 125
1365 24.4
28 6 M. 884 - 889
1410
1380
21 M. 890 - 910
1380
1360
Nov. 5 22 M 911 - 932
1415 S. 100 S. 30
1400 24.9
7 12 M. 933 - 944
1400
1380

2 Casks Wharton's Nickel

2785
2660 S 120 ∫ 60

2710
2670 180 30

Repto. - 97 per cent

96.7 & 97.6

English Nickel

2580
2540 S 130 ∫ 30

92.9

2530
2500 92.4 S ∫ 150

Repto 92.5

Nov. 19 945- 956

20 1390 957- 966
1380
" 9 M 967- 975
1390
1370
20 12 M. 976- 987
1400
1380 24. fact. Sqd 170
21 11 M 988- 998
1380
1365 24. S 110 d 35
22 11 M 999 1009
1390
1375
23 11 M 1010 1020
1420 S 140 - d 30
1405 24.3
26 22 M 1021 - 1042
1400
1390 25.3 S.d. 100
27 1400 1043 1058
1390

Assay of Wharton's Nickel

2625 S-130 $\int$ 35
2600 Mn 20

94.40 perct,

2640
2610 S 130 $\int$ 30
94.88 " 20

Dec 7 17 M 105 9 1075
1455
1400 24.4 S 145
9 12 M 1076 1087
1450
1400 24.1 S 150 30
10 13 M 1088 1100
1420 S 150 $\int$ 39
1400
11 18 M. 1101 1118
1400
1390 130

Dec 12 15 M 1119 - 1133

1450

1420 J & S 135

13 18 M 1134 1151

1400

1380

14 18 M 1152 1169

1410

1385

16 11 M 1170 1180

1410

1395 S 135

17 18 M 1181 1198

1400

18 18 M 1199 1216

1410

1400 24.3 S 150

19 18 M 1217 - 1234

1400

1385

20 17 M 1235 1251

1430

1400

Mon. 8–21 mch 318–338
205

9 24 m 339 362
220

12–15 m 363 377
210

25 25 m 378–402
205

12 m 412–434
210

6 m 435–4610
210

9 m. 4611–4649
205

Jn 21 8 m 4657–4697
208

8 m. 4698 4765
210

10 m 4766–4975
208

6 m 4976–4984
205

Dec 21. 17 M.
1385

1252 1267

1268 1279

S 123 f 207 b

f 122 S 208 b

96.7
2613
2645

96.4
2615
2660
2692

Wharton's Nickel

23 12 M
1416
1390

4826 4852
215
5603 5719
204
8220 8336
208
5379 5720
205
5761 5799
210